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(54) Title: $\alpha(1,3)$ -GALACTOSYLTRANSFERASE NULL CELLS, METHODS OF SELECTING AND $\alpha(1,3)$ -GALACTOSYLTRANSFERASE NULL SWINE PRODUCED THEREFROM

(57) Abstract: The invention relates to the genetic manipulation of non-human animals. More particularly, the invention relates to genetic manipulation of non-human animals to be used for xenotransplantation. The invention provides a method of selecting GGTA 1 null cells, a viable GGTA 1 null swine, methods for making such swine, and methods of using cells, tissues and organs of such swine for xenotransplantation.



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